

Chicago Grade Landfill

Attachment A – Application Forms



**AIR POLLUTION
CONTROL DISTRICT**
COUNTY OF SAN LUIS OBISPO

3433 Roberto Court, San Luis Obispo, CA 93401
Phone: (805) 781-5912 FAX: (805) 781-1002
Email: info@slccleanair.org
Web Site: www.slocleanair.org

PERMIT APPLICATION FORM

(Application must be typewritten, computer generated, or hand printed in ink. Complete all pages of application.)

IMPORTANT: To assure that your application is complete include all of the following when submitting this application:

✓ \$150 Filing Fee

✓ Completed Supplemental Forms

✓ Signature on Application

Applications are evaluated on a cost recovery basis - the filing fee will be applied as a credit to the final amount due.

1. Type of Application: (Existing Permit #: _____)

☐ Permit - New Equipment

☐ Modify Permit Condition

☒ Permit - Existing Equipment

☐ Modify Authority to Construct

☐ Modify Permit

☐ Emissions Reduction Credits

2. Process Type: (A process specific supplemental permit form must be attached to complete this permit application.)

☐ Abrasive Blasting

☒ Fuel Combustion

☐ Organic Liquid Storage

☐ Concrete Processing

☐ Fuel Dispensing

☐ Surface Coating

☐ Degreasing Operations

☐ Internal Combustion Engine

☒ General (Describe in 7. below)

☐ Dry Cleaning

3. Facility Name: Chicago Grade Landfill

Facility Street Address 2290 Homestead Road

City, State ZIP: Templeton, CA 93465

Assessor Parcel Number (APN)
if known:

4. Owner:

Contact Person: Mr. Michael Hoover

Work: 805-466-2985

Company Name: Chicago Grade Landfill

FAX: 805-466-1197

Mailing Address: 2290 Homestead Road

Cell:

City, State ZIP: Templeton, CA 93465

Email: MHoover@chicagogradelandfill.com

5. Other Contacts: (If contact is not the same as owner please attach the APCD Permit Contacts form with the information)

Facility Operations: ☒ same as owner

Inspections: ☒ same as owner

Billing: ☒ same as owner

Legal/Enforcement Actions: ☒ same as owner

6. Nature of Business or Agency: (Include SIC code if known.)

Municipal Solid Waste Landfill - SIC 4953

(CONTINUED ON NEXT PAGE)

(District Use Only)

Date Received Stamp	APCD Application	Auth. to Construct	Permit to Operate
RECEIVED APR 08 2010 AIR POLLUTION CONTROL DIST SAN LUIS OBISPO COUNTY	Number: <u>5304</u>	Issuance Date:	Issuance Date:
	Fee: <u>150.00</u>	Fee:	Fee:
	Check No. <u>22511</u>	Check No.	Check No.
	Receipt No. <u>801322</u>	Receipt No.	Receipt No.
	Ref. App. No.	Extended	Permit No.
Comments			Previous No.



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PERMIT APPLICATION FORM (continued)

7. Description of Project and Process, or Explanation of Permit Modifications:

The facility is a municipal solid waste landfill equipped with a landfill gas collection and control system in which landfill gas is destroyed by an enclosed flare. The facility also includes a tire shredding operation and waste diversion and recycling activities.

8. Project Status:

Start Date: _____ Completion Date: _____

9. Additional Questions:

- a. Direction and straight line distance to nearest school: 13,000 feet School Name: San Benito Elementry School
- b. Straight line distance to nearest residence: 1,500 feet
- c. Straight line distance to nearest offsite workplace: 1,500 feet
- d. Do you claim that any of data submitted with this application is a trade secret? ☐ Yes ☒ No
- e. Is this permit application a result of a district enforcement action? ☐ Yes ☒ No
- f. Is this project subject to California Environmental Quality Act (CEQA) review? ☐ Yes ☒ No
- g. If so, supply: Agency: _____ Contact: _____
- h. Is the project approved by a city/county/other planning agency? ☒ Yes ☐ No
- i. Are you subject to the California's Air Toxics Hot Spots Program? ☒ Yes ☐ No
- j. Are you subject to a federal Part 70 permit? If so, attach appropriate Title V forms. ☒ Yes ☐ No
- k. Are toxic air contaminants emitted? If so, include an emission estimate in terms of maximum and average pounds per hour and annual total. Also, include a screening or formal risk assessment. (The District will perform a screening assessment upon request.) ☒ Yes ☐ No

I hereby certify that all information provided on this application, and its plans, attachments, and supplemental forms, is true and correct. I agree to pay any and all fees required by District rules for processing this application and for issuance of any Authority to Construct or Permit to Operate. If I abandon this project and withdraw my application, or should my application be disapproved, I agree that the obligation exists to compensate the District for time spent processing my application.

10. SIGNATURE: _____

11. DATE: 4/7/10

12. PRINT NAME: Michael Hoover

13. ORGANIZATION: Chicago Grade Landfill, Inc.

**San Luis Obispo County Air Pollution Control District
Title V Applicable Requirements Form**

This form must be submitted with any application for an initial Part 70 permit, reissuance of an existing Part 70 permit, and any minor or significant Part 70 permit modification. Applications for a permit modification need only supply such information that is related to the proposed change. If alternative operating scenario(s) are requested, items 3 and 4 below must be completed for each scenario and a clear distinction drawn as to which requirement applies to which scenario.

1. Please indicate the reason for this application.

☐ Minor Part 70 Modification ☐ Significant Part 70 Modification
☒ Initial Part 70 Permit ☐ Reissuance of a Part 70 Permit

2. Total Facility Emissions. For an initial Part 70 permit, check one and supply the noted information. Fugitive emissions must be included in the same manner as stack emissions.


- ☐ a. I declare that this facility is a major source, as defined by District Rule 216, and I wish to use the District's most recent emissions inventory as the estimate of my emissions.
- ☒ b. I declare that this facility is not a major source, as defined by District Rule 216, and I wish to use the District's most recent emissions inventory as the estimate of my emissions.
- ☐ c. Attached is a table of this facility's emission unit and total emissions of each regulated air pollutant, in units of tons per calendar year (tpy).

3. Applicable Requirements With Emission Limitations. For each applicable requirement that includes an emission limitation, provide the following information. As appropriate, include the name of pollutant and units of measure. Attach additional lists/sheets as necessary.

☒ See attachment for the information requested below.

- a. Describe the applicable requirement and why it is applicable. _____.
- b. The applicable requirement citation is _____ and emission limitation is _____.
- c. Emission unit(s) subject to the applicable requirement. _____.
- d. Each emission unit(s) emission rate is _____ tpy of _____ (pollutant). In terms the applicable reference test method, each unit(s) emission rate is _____ and the test method is _____.
- e. Example calculations and the information used to determine emissions, for example: fuels, fuel use, raw materials, production rates, and operating schedules. _____.
- f. Describe the applicable air pollution control equipment, work practice standards, and constraints on source operations that limit emissions. _____.
- g. Other information required by the applicable requirement (including information related to stack height limitations). _____.

4. Applicable Requirements Without Emission Limitations. For each applicable requirement that does not include an emission limitation, provide the following information. Attach additional lists/sheets as necessary.
- ☒ See attachment for the information requested below.
- a. Describe the applicable requirement and why it is applicable. _____.
- b. The applicable requirement citation is _____.
- c. Emission unit(s) subject to the applicable requirement. _____.
- d. Other information required by the applicable requirement. _____.
5. Proposed Exemption. Provide an explanation of any proposed exemptions from otherwise applicable requirements. _____.
- ☐ See attachment for the requested information.
6. Insignificant Activities. For initial issuance or reissuance applications, provide a list of all emissions units that are designated insignificant activities because of size or production rate.
- ☒ See attachment for the information requested below.
- a. Describe the equipment. _____.
- b. Provide the basis for identification as an insignificant activity (Rule 201 citation). _____.
7. I certify that, based on information and belief formed after reasonable inquiry, the statement and information in this document and supplements are true, accurate, and complete.

Signature of Responsible Official  Date 4/7/10



SAN LUIS OBISPO COUNTY AIR POLLUTION CONTROL DISTRICT

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GENERAL PROCESSES

INSTRUCTIONS: Fill in the required information as completely as possible. Additional forms may be needed. See the application form instructions for a list of additional forms. Failure to provide complete information may result in delays in processing your application or in your application being designated as "incomplete." **Complete a separate form for each process.**

Organization name: Chicago Grade Landfill, Inc.

TYPE OF APPLICATION: (Select one.)
☐ chemical mfg ☐ gasoline bulk plant ☐ paint mfg ☐ soap/detergent mfg
☐ electronic products ☐ medical diagnostics ☐ plating ☐ wastewater treatment
☐ ETO sterilizing ☐ metal coating ☐ printing ☐ winery
☐ feed and grain ☐ metal parts mfg ☒ other: landfill

EQUIPMENT DESCRIPTION: Municipal solid waste landfill equipped with a landfill gas collection and control system.

(Please be clear and concise. Be sure to include a complete process flow diagram with your application.)

TYPE OF FUEL: ☐ none ☐ electric ☐ gasoline ☐ diesel ☐ process gas ☐ natural gas ☐ fuel gas
☒ other: landfill gas (Complete a Fuel Combustion Process form for all combustion processes.)

TYPE OF MATERIAL PROCESSED: Municipal Solid Waste

(Be sure to include a material safety data sheet (MSDS) for each material used in the process.)

MAX. PROCESS OR USE RATE: 500 **PROCESS** ☐ cfm ☐ mgal/hr ☐ gal/hr ☐ cu yd/hr ☐ tons/hr
HOURS OF OPERATION: 11 hr/day 358 day/yr **UNITS:** ☐ lb/hr ☒ other: tons/day /
AIR POLLUTION CONTROL DEVICE: **EMISSIONS:** ☒ VOCs ☐ ETO ☐ particulates ☒ gases
☐ other: _____

device	cntrl effic.	device	cntrl effic.	device	cntrl effic.	device	cntrl effic.
<input type="checkbox"/> none	____%	<input type="checkbox"/> baghouse	____%	<input type="checkbox"/> catalytic	____%	<input type="checkbox"/> water spray	____%
<input type="checkbox"/> dry filt.	____%	<input type="checkbox"/> carbon filt.	____%	<input type="checkbox"/> scrubber	____%	<input checked="" type="checkbox"/> other: flare	98%

(Include the manufacturer's technical data sheet describing details of the control device and verifying the control efficiency.)

SUGGESTED EMISSION FACTOR: Values: See PTO 547-5 Condition Nos 7-9 and Tier II calculations
Reference: PTO 547-5
(Include a copy of the reference and title page.)
(Provide any additional information that would be useful to the District in estimating emissions from your process or equipment. Failure to provide complete information may result in delays in the permitting process or in the assignment of your application as "incomplete".)

(APCD use only)

APPLICATION



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Organization name: Chicago Grade Landfill

TYPE OF APPLICATION:
(Select one.)

- | | | | |
|--|--|--|---|
| <input type="checkbox"/> chemical mfg | <input type="checkbox"/> gasoline bulk plant | <input type="checkbox"/> paint mfg | <input type="checkbox"/> soap/detergent mfg |
| <input type="checkbox"/> electronic products | <input type="checkbox"/> medical diagnostics | <input type="checkbox"/> plating | <input type="checkbox"/> wastewater treatment |
| <input type="checkbox"/> ETO sterilizing | <input type="checkbox"/> metal coating | <input type="checkbox"/> printing | <input type="checkbox"/> winery |
| <input type="checkbox"/> feed and grain | <input type="checkbox"/> metal parts mfg | <input checked="" type="checkbox"/> other: <u>landfill</u> | |

EQUIPMENT DESCRIPTION:

Barclay Roto-Shred Shredder
Barclay Roto-Shred Classifier
225kw Caterpillar XQ 225 generator and
316hp Caterpillar 3306 BDITA diesel engine
(Please be clear and concise. Be sure to include a complete process flow diagram with your application.)

TYPE OF FUEL:

- ☐ none ☐ electric ☐ gasoline ☒ diesel ☐ process gas ☐ natural gas ☐ fuel gas
☐ other: _____ (Complete a Fuel Combustion Process form for all combustion processes.)

TYPE OF MATERIAL PROCESSED:

Used tires
(Be sure to include a material safety data sheet (MSDS) for each material used in the process.)

MAX. PROCESS OR USE RATE:
HOURS OF OPERATION:

76.4 **PROCESS** ☐ cfm ☐ mgal/hr ☐ gal/hr ☐ cu yd/hr ☐ tons/hr
UNITS: ☐ lb/hr ☒ other: gal/day /
8 hr/day 260 day/yr **EMISSIONS:** ☒ VOCs ☐ ETO ☒ particulates ☒ gases
☐ other: _____

AIR POLLUTION CONTROL DEVICE:

<u>device</u>	<u>cntrl eff.</u>	<u>device</u>	<u>cntrl eff.</u>	<u>device</u>	<u>cntrl eff.</u>	<u>device</u>	<u>cntrl eff.</u>
<input type="checkbox"/> none	____%	<input type="checkbox"/> baghouse	____%	<input type="checkbox"/> catalytic	____%	<input checked="" type="checkbox"/> water spray	____%
<input type="checkbox"/> dry filt.	____%	<input type="checkbox"/> carbon filt.	____%	<input type="checkbox"/> scrubber	____%	<input checked="" type="checkbox"/> other: DPF	____%

(Include the manufacturer's technical data sheet describing details of the control device and verifying the control efficiency.)

SUGGESTED EMISSION FACTOR:
COMMENTS:

Values: See PTO 648-5 conditions 3-5, 7, 8
Reference: PTO 648-5
(Include a copy of the reference and title page.)
(Provide any additional information that would be useful to the District in estimating emissions from your process or equipment. Failure to provide complete information may result in delays in the permitting process or in the assignment of your application as "incomplete".)

(APCD use only)

APPLICATION